

Converting Colors

Yxy(69.0533, 0.3102, 0.3231)

Have a look what the booklet for
Yxy(69.0533, 0.3102, 0.3231)
contains.

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Color

Yxy(69.0839, 0.3101, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8DD
RGB	217, 216, 221
RGB Percent	85%, 85%, 87%
CMY	0.1490, 0.1529, 0.1334
CMYK	0.02, 0.02, 0.00, 0.13
HSL	252°, 7%, 86%
HSV	252°, 2%, 87%
XYZ	66.2223, 69.0839, 78.2453
YIQ	216.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

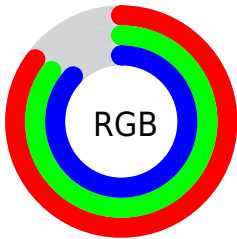
Format	Color
R _Y B	217, 216, 221
Decimal	14276829
CIE Lab	86.55, 1.25, -2.34
CIE LCh	87, 2.653, 298.187
Yxy	69.0839, 0.3101, 0.3235
Android (android.graphics.Color)	4292466909 (0xFFD9D8DD)
YUV	216.8690, 2.0366, 0.1149
Hunter-Lab	83.1167, -3.2364, 2.3667

Details

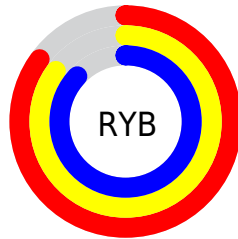
The Yxy color **69.0839, 0.3101, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8821, 0.3153, 0.3345**, and the grayscale version is **69.2818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9243, 0.3093, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **55.9502, 0.2974, 0.2973**, and if you desaturate by 10%, it is **84.0362, 0.3210, 0.3467**.

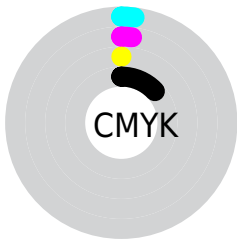
Distribution



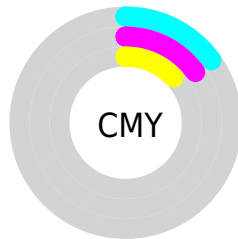
- Red (85%)
- Green (85%)
- Blue (87%)



- Red (85%)
- Yellow (85%)
- Blue (87%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0839, 0.3101, 0.3235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 69.0839, 0.3101, 0.3235 by changing the saturation by 10% instead.

■ 69.0839, 0.3101,
0.3235

■ 69.0839, 0.3101,
0.3235

457.3268, 0.3113,
0.3261

■ 50.7800, 0.3098,
0.3229

117.9014, 0.3105,
0.3244

■ 36.0336, 0.3095,
0.3222

149.1838, 0.3107,
0.3247

■ 24.4601, 0.3090,
0.3212

185.5612, 0.3108,
0.3250

■ 15.6753, 0.3084,
0.3200

227.4180, 0.3110,
0.3253

■ 9.2947, 0.3076,
0.3183

275.1386, 0.3111,
0.3255

■ 4.9339, 0.3064,
0.3158

329.1073, 0.3112,

■ 2.2085, 0.3044,

0.3257

0.3118

389.7086, 0.3113,
0.3259

0.7246, 0.3002,
0.3024

0.0000, 0.0000,
0.0000

69.0839, 0.3101,
0.3235

69.0839, 0.3101,
0.3235

55.9502, 0.2974,
0.2973

84.0362, 0.3210,
0.3467

44.5567, 0.2829,
0.2683

97.4987, 0.3310,
0.3623

34.8326, 0.2666,
0.2368

98.0001, 0.3328,
0.3621

26.6985, 0.2488,
0.2035

■ 20.0688, 0.2300,
0.1700

■ 14.8494, 0.2112,
0.1379

■ 10.9358, 0.1934,
0.1097

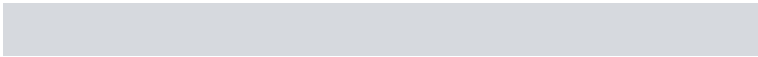
■ 8.2082, 0.1780,
0.0873

■ 6.5243, 0.1659,
0.0722

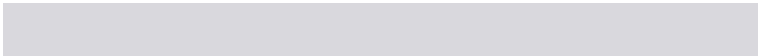
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0839, 0.3076, 0.3238



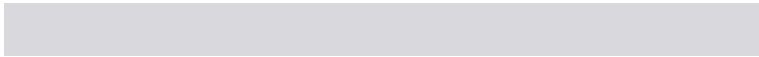
69.0839, 0.3101, 0.3235



69.0839, 0.3133, 0.3247

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0839, 0.3101, 0.3235



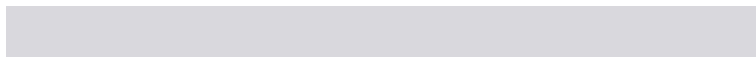
69.0839, 0.3191, 0.3325



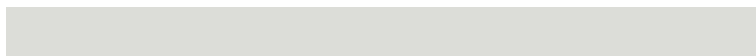
69.0839, 0.3090, 0.3310

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.0839, 0.3101, 0.3235



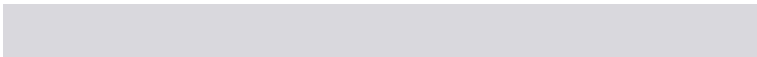
71.8821, 0.3153, 0.3345

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0839, 0.3121, 0.3334



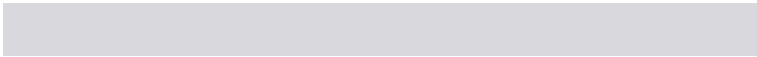
69.0839, 0.3101, 0.3235



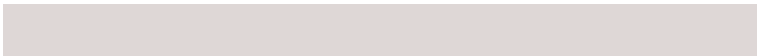
69.0839, 0.3179, 0.3343

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0839, 0.3101, 0.3235



69.0839, 0.3185, 0.3299



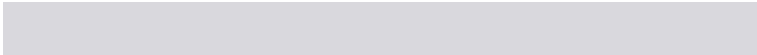
69.0839, 0.3153, 0.3346



69.0839, 0.3069, 0.3281

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0839, 0.3101, 0.3235



69.0839, 0.3155, 0.3261



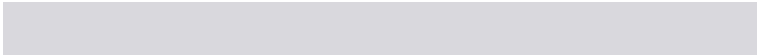
69.0839, 0.3153, 0.3346



69.0839, 0.3100, 0.3319

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.0869, 0.3101, 0.3235



97.9992, 0.3116, 0.3266



71.0039, 0.3092, 0.3279



20.9970, 0.3116, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0869, 0.3101, 0.3235



94.0743, 0.3092, 0.3216



69.4716, 0.3119, 0.3235



14.3482, 0.3083, 0.3197



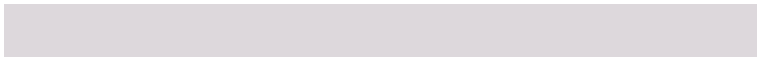
3.3862, 0.1602, 0.0656



0.2559, 0.1756, 0.0741

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.6522, 0.3136, 0.3246



95.1174, 0.3140, 0.3232



71.4962, 0.3135, 0.3345



14.5488, 0.3143, 0.3217



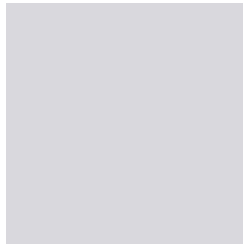
10.7828, 0.3789, 0.1861



0.7102, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 69.0839, 0.3101, 0.3235 looks on a white background.

Color Contrast Check

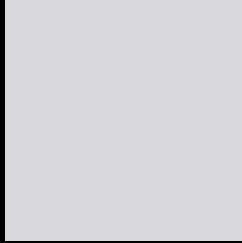
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.0839, 0.3101, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

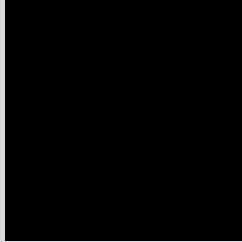
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

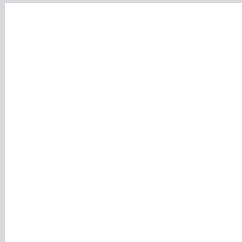
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0839, 0.3101, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 69.0839, 0.3101, 0.3235.

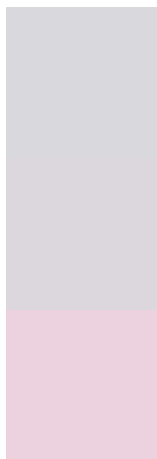


This preview shows how white text looks on a background with the Yxy color 69.0839, 0.3101, 0.3235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.0839, 0.3101, 0.3235

Protanopia

68.8814, 0.3116, 0.3224

Deuteranopia

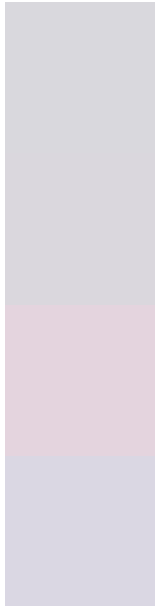
69.0293, 0.3230, 0.3163



Tritanopia

68.9227, 0.3050, 0.3105

Trichromacy



Original Color

69.0839, 0.3101, 0.3235

Protanomaly

68.7268, 0.3109, 0.3224

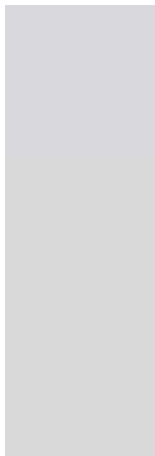
Deuteranomaly

68.8549, 0.3176, 0.3183

Tritanomaly

69.0524, 0.3069, 0.3159

Monochromacy



Original Color

69.0839, 0.3101, 0.3235

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4394, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0839, 0.3101, 0.3235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 216, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.0839, 0.3101, 0.3235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 216, 221) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 216, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0839, 0.3101, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
216, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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